

## **PUBLIC NOTICE**

State of South Carolina (SC)  
Department of Health and Environmental Control (DHEC)  
Bureau of Air Quality (BAQ)  
2600 Bull Street  
Columbia, SC 29201  
(803) 898-4123

Notice of a Draft Air Prevention of Significant Deterioration (PSD) Construction Permit

### **PUBLIC NOTICE #17-028-TV-PSD**

**COMMENT PERIOD:** Public Notice will begin on **June 6, 2017** and will end at close of business, which is 5:00 p.m. on **July 5, 2017**

**Mercedes Benz Vans, LLC (Mercedes)**  
**8501 Palmetto Commerce Parkway**  
**Ladson, South Carolina 29456**  
**(Charleston County)**  
**AIR PERMIT # 0560-0385-CA-R1**

Mercedes has applied to the SC DHEC, BAQ, for a Prevention of Significant Deterioration (PSD) revised air construction permit to establish new Best Available Control Technology (BACT) limits for Volatile Organic Compounds (VOCs), Particulate Matter (PM), Particulate Matter less than 10 microns in diameter (PM10), and Particulate Matter less than 2.5 microns in diameter (PM2.5). A revised Preliminary Determination, the draft revised construction permit, and Statement of Basis have been written by the BAQ outlining this proposed project and applicable regulations. In addition to other state and federal air quality regulations, the draft revised permit is subject to review under SC DHEC Regulation 61-62.5, Standard No. 7 "Prevention of Significant Deterioration (PSD)." This regulation is equivalent to Title 40 of the Code of Federal Regulations, Part 52.21 "Prevention of Significant Deterioration of Air Quality." Under these regulations, a facility must demonstrate that it will not significantly deteriorate the air quality in its region prior to constructing or modifying sources of air pollutants. The draft revised permit has not yet been approved and is open to comment from the public, the United States Environmental Protection Agency (EPA), the Federal Land Managers, the chief executives of Charleston County, the City of Charleston, and the Berkeley-Charleston-Dorchester Council of Governments.

Mercedes operates a van assembly plant. This PSD permit revision will include revising the Preliminary Determination and PSD construction permit in order to include and address new BACT limits for VOC on the new under body coating operations, the new E-coat spot repair operations, and the new paint shop/assembly adhesives application, new BACT limits for PM, PM10, and PM2.5 on the new underbody coating operations, modifying the energy center to revise the existing boiler size and include an additional new boiler, and revise/clarify VOC reporting conditions for uncontrolled operations only. This PSD construction permit revision does not involve any changes to any other emission units. Emissions generated by this facility as a result of the proposed project will include VOC, PM, PM10, and PM2.5. The maximum degrees of Class I PSD increment consumption resulting from the proposed project are predicted to be: PM2.5 25% of the 24-hour standard and 45% of the annual standard. The maximum degree of Class II PSD PM10 increment consumption is 40% of 24-hour standard and 18% of the annual standard. The maximum degree of the Class II PSD PM2.5 increment consumption is 100% of the 24-hour standard and 75% of the annual standard. Air dispersion modeling has indicated that the release of emissions from this facility will not cause or contribute to an exceedance of the National Ambient Air Quality Standards (NAAQS).

If this permit is approved, Mercedes will be considered a major source for Title V applicability purposes. Therefore, the facility will be required to submit a Part 70 (Title V Operating) permit application within twelve (12) months after it becomes subject to the SC Title V Operating Permit Program.

Interested persons may review the materials drafted and maintained by DHEC for this facility and submit written comments on the draft permit by the end of the public notice period listed above, to Ruthie Hall at the above DHEC

address or by e-mail at [hallmr@dhec.sc.gov](mailto:hallmr@dhec.sc.gov). All comments received by the end of the notice period, will be considered when making a decision to approve, disapprove, or modify the draft permit. Where there is a significant amount of public interest, DHEC may hold a public hearing to receive additional comments. Public hearing requests should be made in writing to Ruthie Hall at the above DHEC address or by e-mail. If a public hearing is requested and scheduled, notice will be given thirty (30) days in advance. If you have questions concerning the draft permit, please contact Fatina Washburn Clark at the phone number listed above. A final review request may be filed after a permit decision has been made. Information regarding final review procedures is available from DHEC's legal office at the above address or by calling (803) 898-3350. Information relative to the draft permit will be made available for review through the end of the notice period listed above, at the DHEC Columbia Office listed above and at the following location:

SC DHEC, Low Country, Charleston BEHS Office, 1362 McMillian Ave. Suite 300, Charleston SC 29405.

Information on permit decisions and hearing procedures is available by contacting DHEC at either address listed above. Copies of a draft permit or other related documents may be requested in writing to the Freedom of Information Office; fees may apply. Please bring this notice to the attention of persons you know will be interested in this matter.

This public notice, along with the draft permit and statement of basis, may be viewed through the end of the notice period on DHEC's website at: <http://www.scdhec.gov/PublicNotices/>.